

FIGURE 1

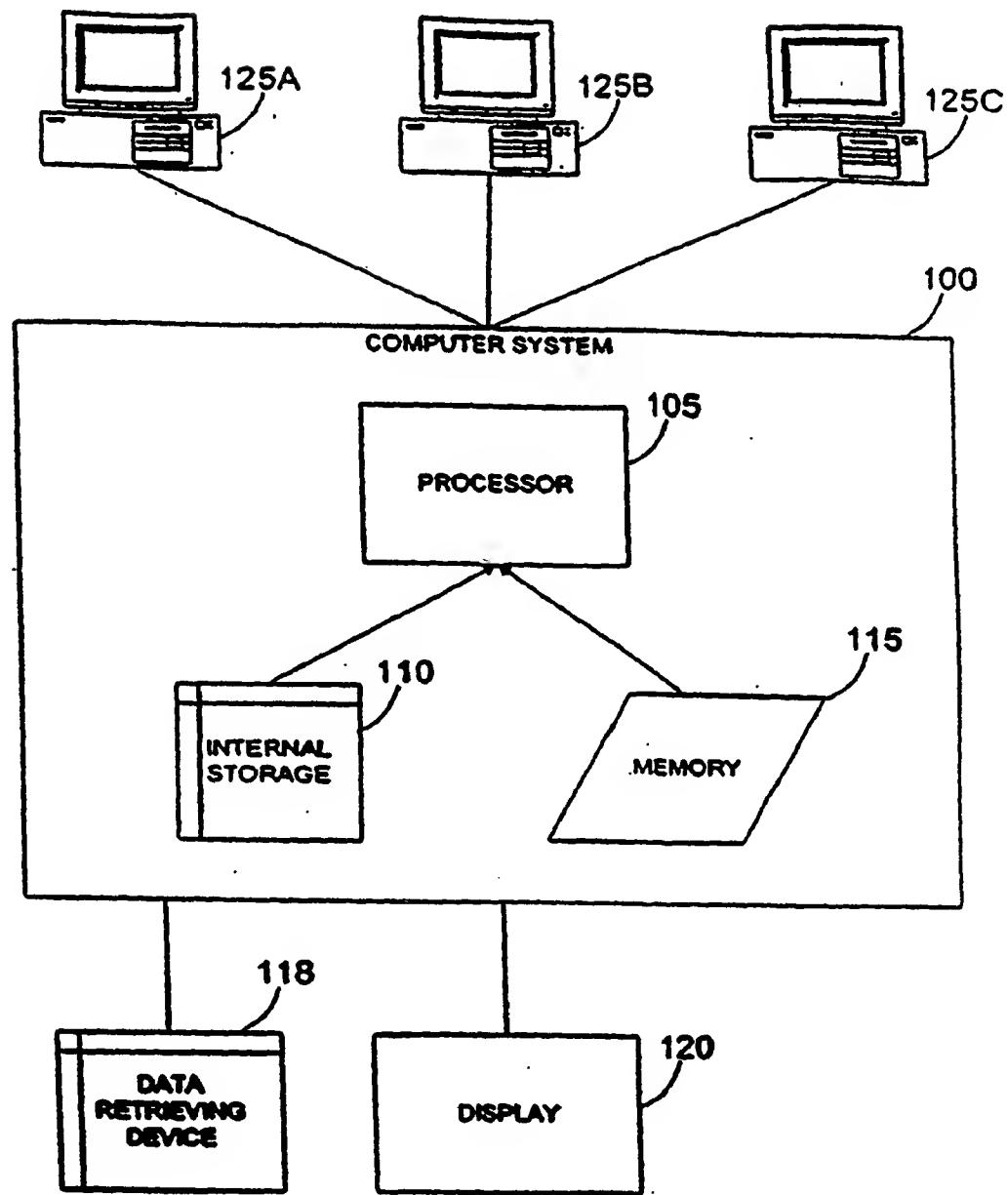


FIGURE 2

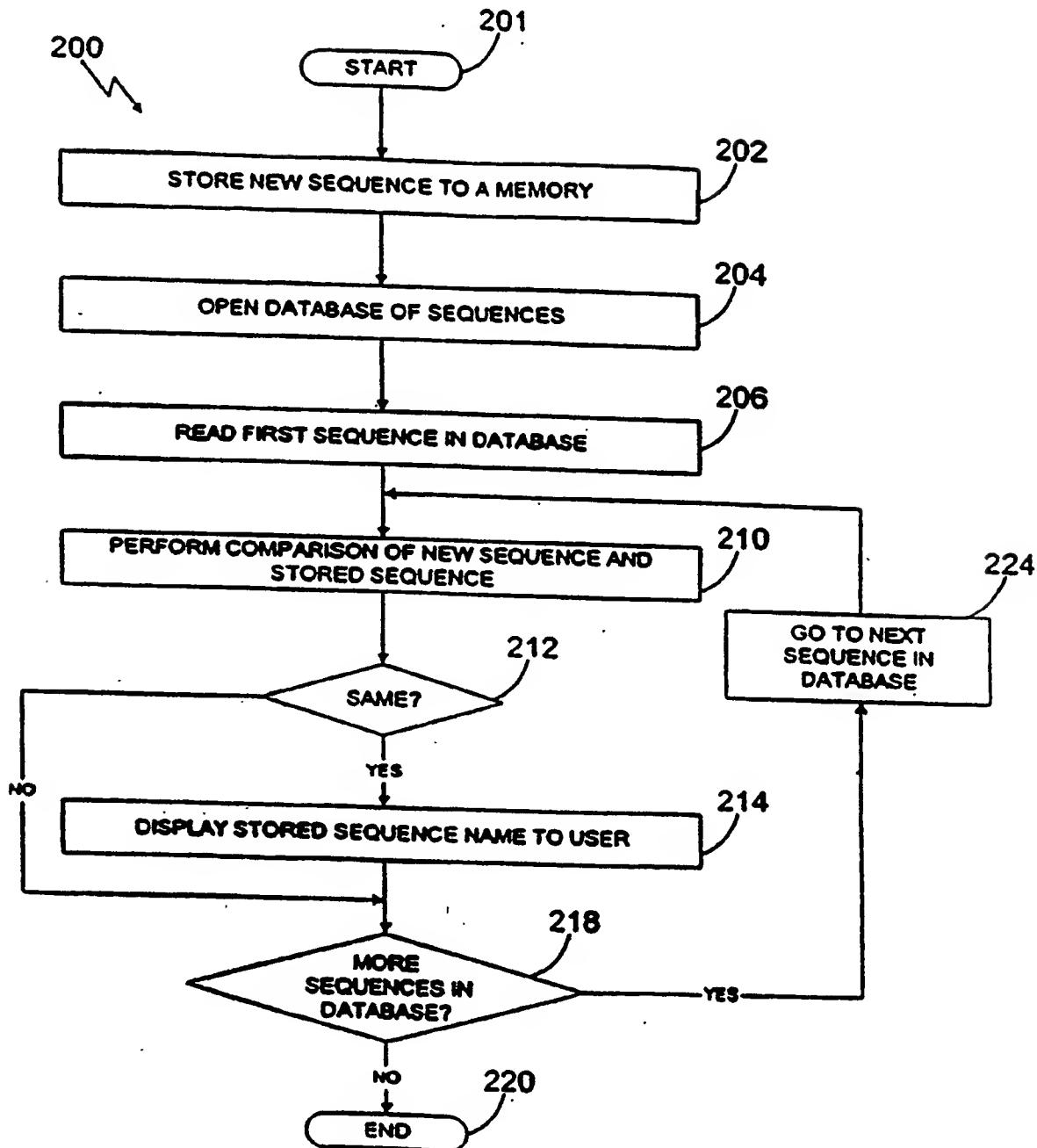


FIGURE 3

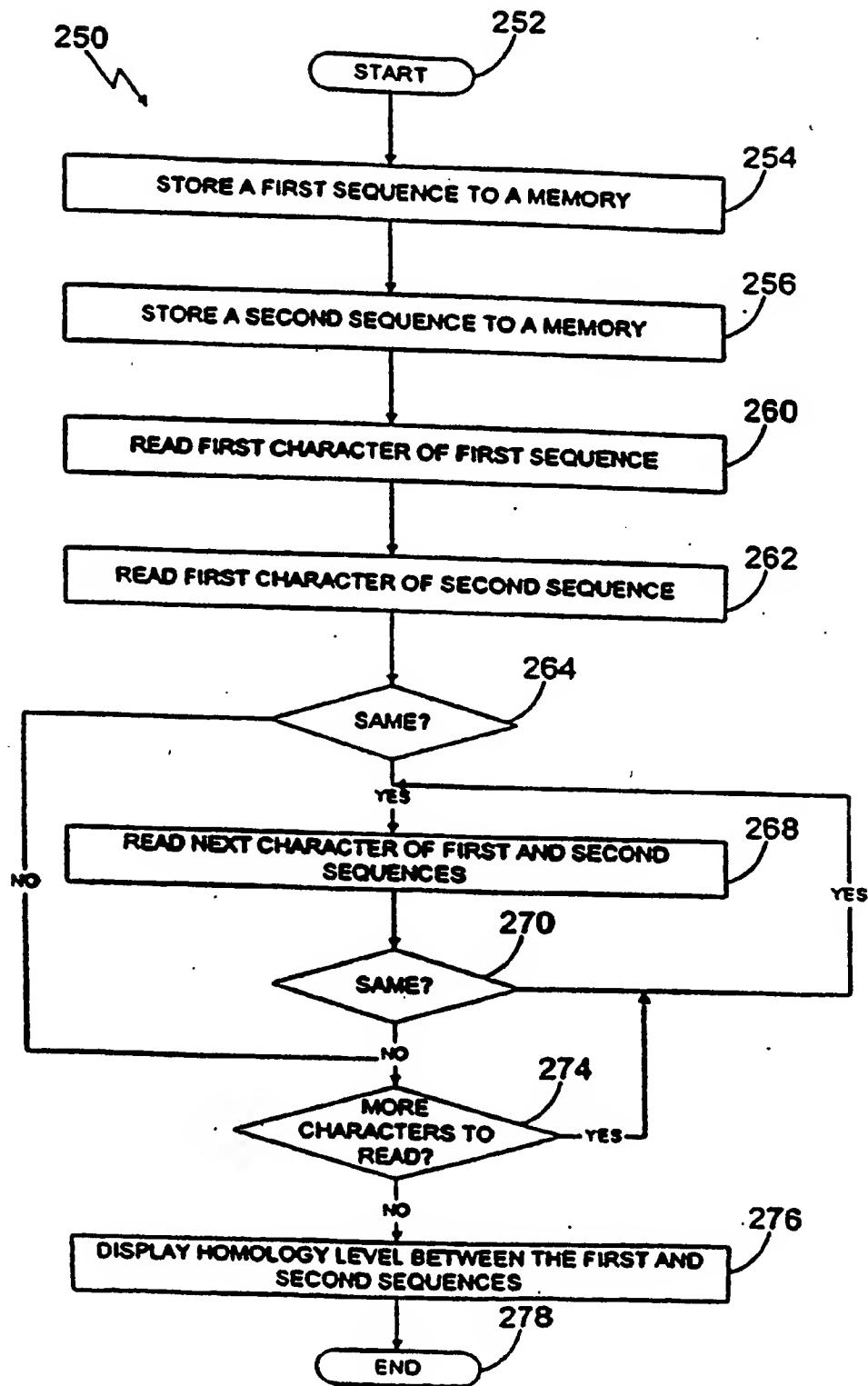


FIGURE 4

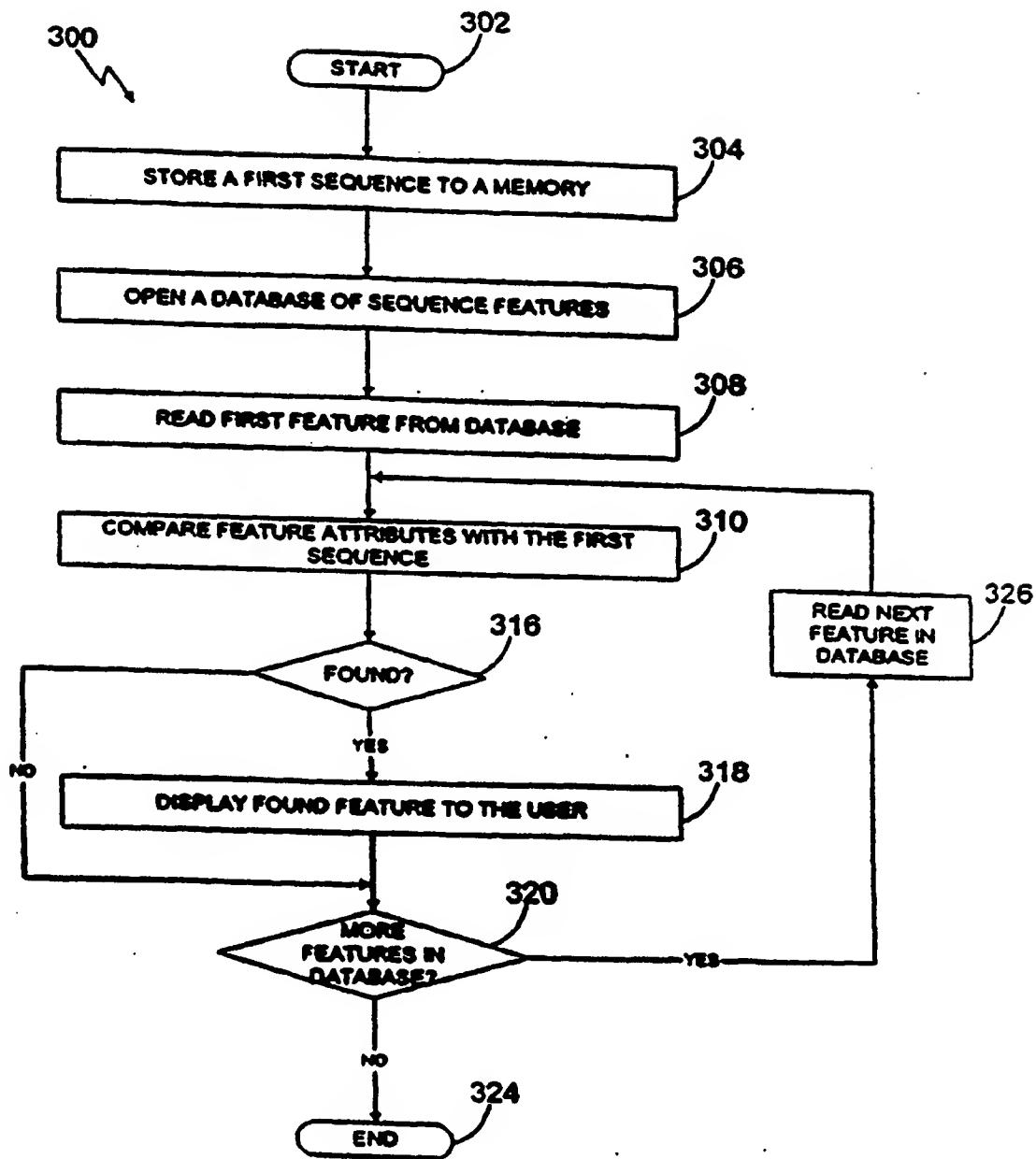
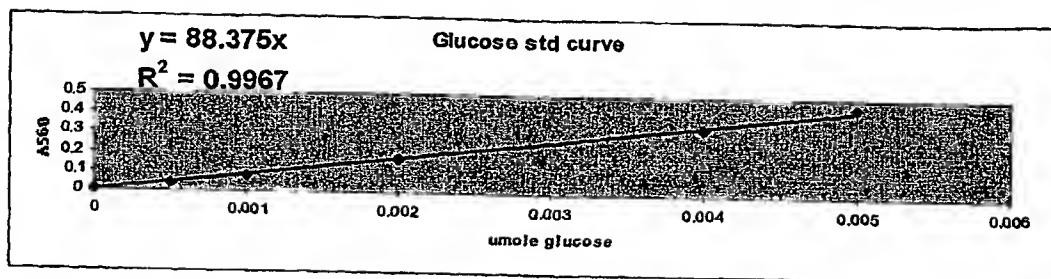


FIGURE 5

Sample Nos.	Time	Temp	Time	Temp	Significant activities	Time	Temp	Time	Temp	Significant activities
5, 6	>90°C	t1/2 2 min, 90°C	6 - 8		B3 <sup>3</sup> C <sup>4</sup> , Lichenan, Mannan, Locust bean gum, Guar, CMC <sup>4</sup>	3 0,0.007, 0.07, 0.85, 1		3 0.725, 0.91, 1, 0.034		
161, 162	16	≥85°C	≥10 min 100°C	5.5*	BBG	ND				
59, 60	16	≥85°C	≥10 min 100°C	5.5*	BBG	ND				
67, 68	9	75°C	< 1 min at 85°C	5.5	BBG	0, 0.05, 1, 0.62, 0.15, 0.09				
105, 106	5	ND	ND	ND	BBG	ND				
81, 82	16	70°C	<20 min 70°C	5.0-7.0	BBG	3 0.006, 0.99, 0.96, 1, 0.83				
175, 176	5	75°C	< 1 min at 85°C	5.5	BBG	0.1, 0.4, 1, 0.76, 0.34, 0.45				
107, 108	5	ND	ND	ND	BBG	ND				
221, 222	5	85°C	< 1 min at 95°C	5.5	BBG	0.08, 0.36, 1, 0.52, 0.12, 0.08	0.003, 0.07, 0.3, 0.74, 0.89, 1			
9, 10	5	85°C	> 2 min at 95°C	5.5	BBG	0.006, 0.17, 1, 0.34, 0.01, 0	0, 0.049, 0.21, 0.62, 0.64, 1			
219, 220	5	ND	ND	ND	BBG	ND	ND			
103, 104	5	ND	ND	ND	BBG	ND	ND			
171, 172	16	50°C	< 1 min at 85°C	5.5	BBG	0.21, 0.26, 1, 0.48, 0.24, 0.34	-, 0.77, 1, 0.6, 0.36, 0.49			
137, 138	5	37°C	< 1 min at 85°C	7.0	BBG	0, 0, 0.125, 1, 0.25, 0.125	-1, 0.53, 0, 0.06, 0.1			
143, 144	5	ND	ND	ND	BBG	ND	ND			

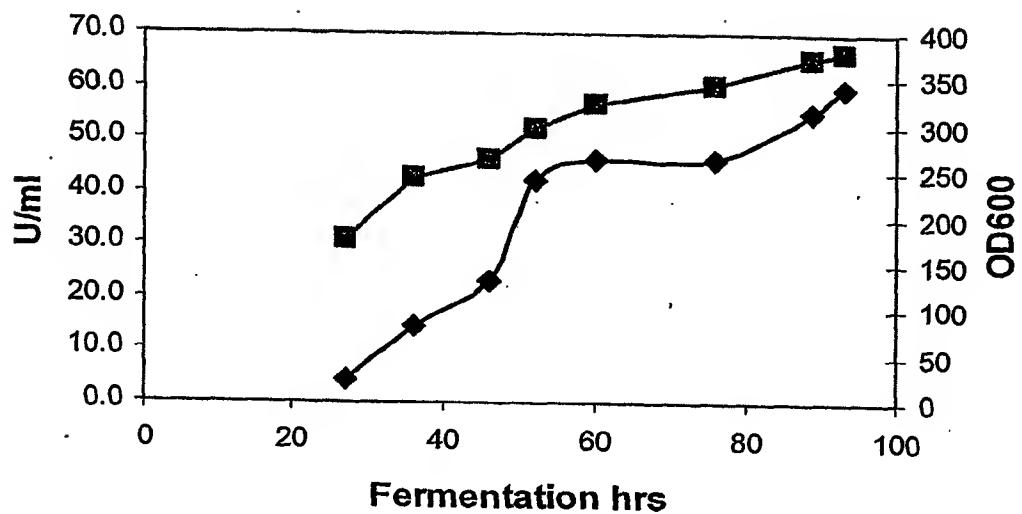
FIGURE 6



6/10

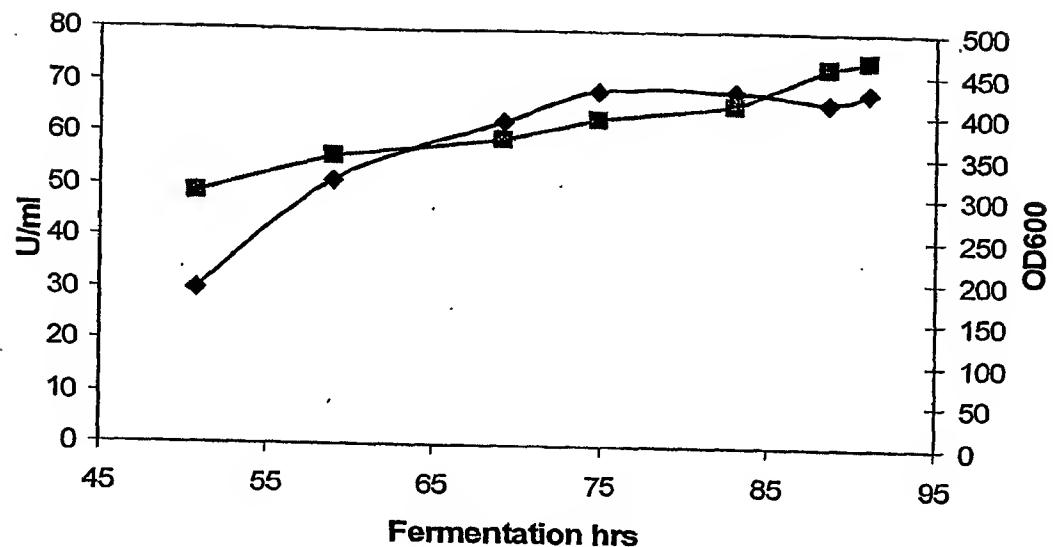
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FIGURE 7



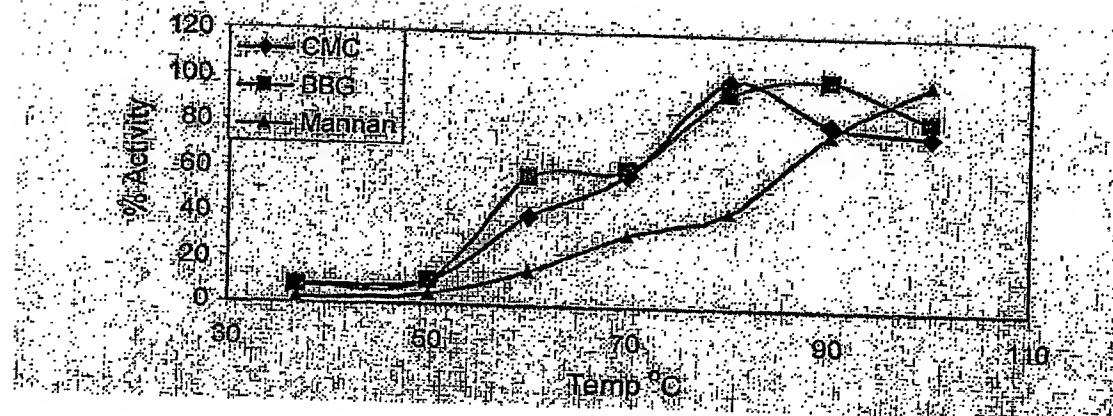
7/10

FIGURE 8



8/10

FIGURE 9

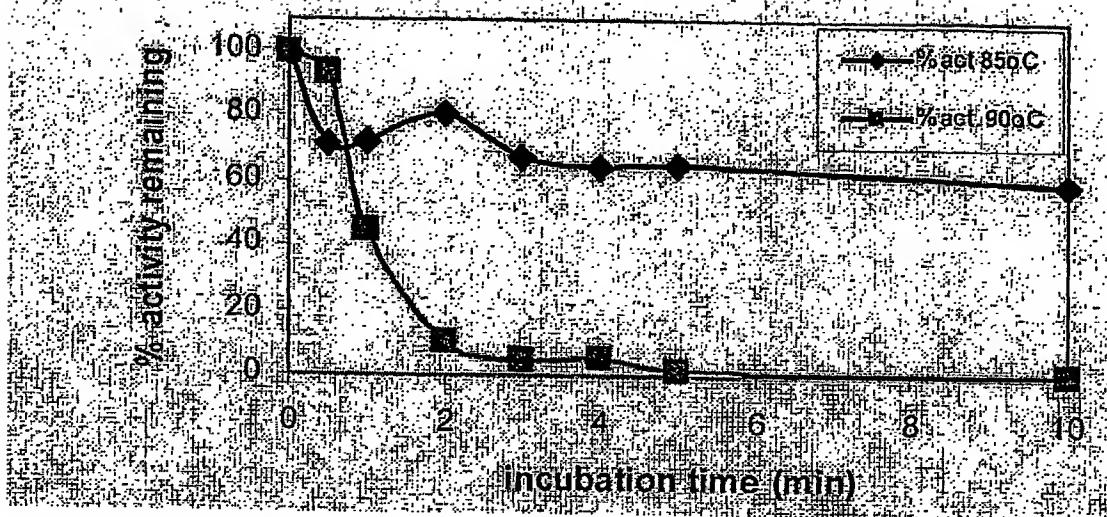


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9/10

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FIGURE 10



10/10